

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047569 A2

(51) International Patent Classification⁷: C25C 7/00

(21) International Application Number:
PCT/US2004/037777

(22) International Filing Date:
12 November 2004 (12.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2335-03 12 November 2003 (12.11.2003) CL

(71) Applicant (for all designated States except US): 3M
INNOVATIVE PROPERTIES COMPANY [US/US];
3M Center, Post Office Box 33427, Saint Paul, Minnesota
55133-3427 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): RIBES FERNAN-
DEZ, Mauricio, [CL/CL]; 3M Chile, Santa Isabel 1001,
Providencia, Santiago (CL). CONEJEROS OBREQUE,
Hernan, [CL/CL]; 3M Chile, Santa Isabel 1001, Prov-
idencia, Santiago (CL). CEPEDA ROJAS, Alexander,
[CL/CL]; 3M Chile, Santa Isabel 1001, Providencia,
Santiago (CL).

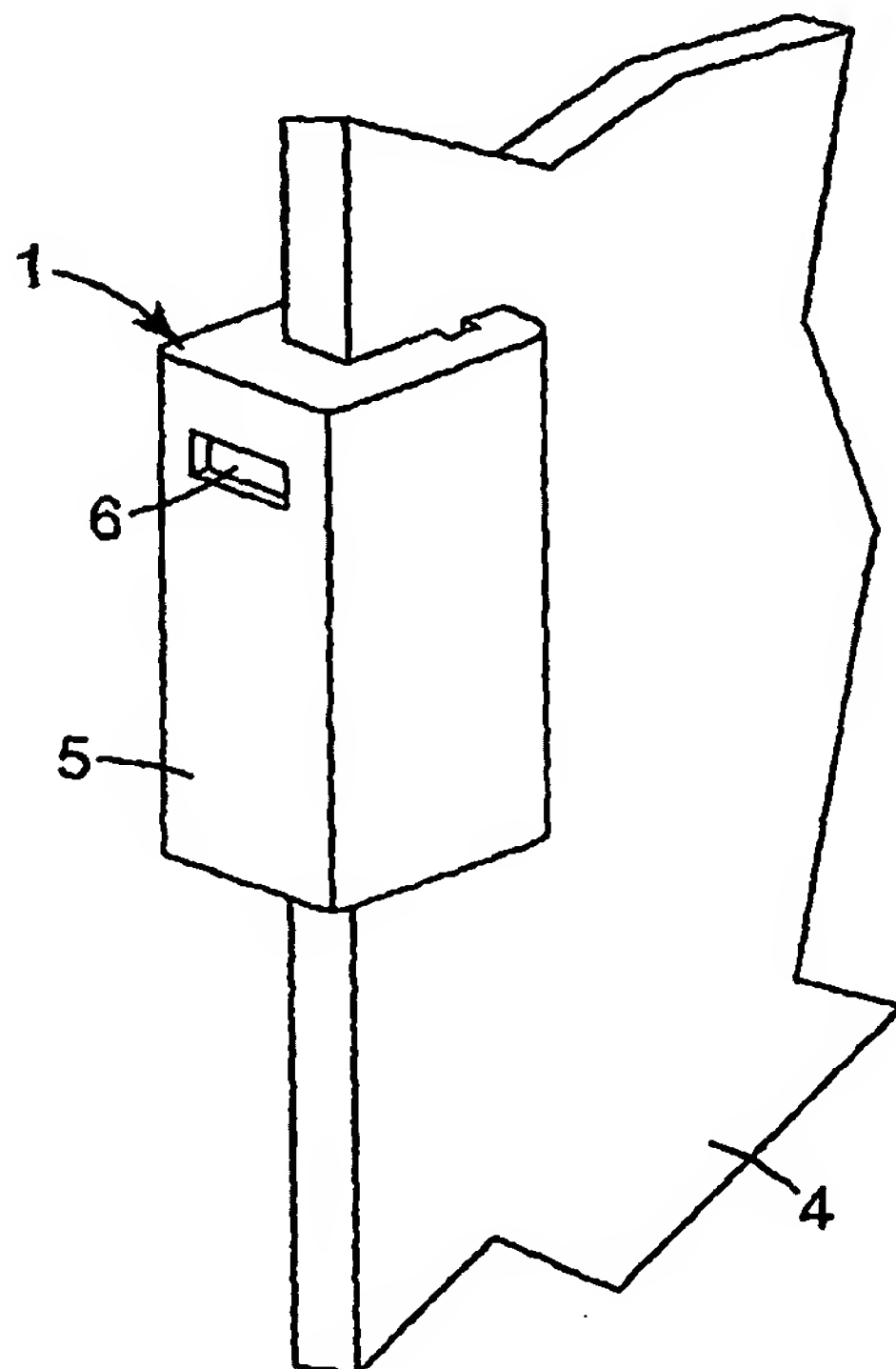
(74) Agents: BUSS, Melissa, E. et al.; Post Office Box 33427,
Saint Paul, Minnesota 55133-3427 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

[Continued on next page]

(54) Title: CATHODE EDGE SUPPORT DEVICE FOR A REMOTE IDENTIFIER IN ELECTRO-WINNING AND ELECTRO
REFINING PROCESS

(57) Abstract: A device that supports a remote identifier for per-
manent cathodes in the electro-winning process. A preferred em-
bodiment of the invention provides a support for a proximity iden-
tification device for permanent cathodes that, when interconnected
with a remote system, provides for a record of its behavior and
position in time of each cathode during its useful life in an elec-
tro-winning process.



WO 2005/047569 A2



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(48) Date of publication of this corrected version:

21 July 2005

(15) Information about Correction:

see PCT Gazette No. 29/2005 of 21 July 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.